

MARCH 26, 2003

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Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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\*102292653A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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REFERENCED BELOW.

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PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
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RECORDATION DATE: 11/20/2002

REEL/FRAME: 013510/0192  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

HOFFMANN, JOHN E.

DOC DATE: 11/05/2002

ASSIGNEE:

NELSON, GEORGE RODNEY JR.

DOC DATE: 11/05/2002

ASSIGNEE:

REGNIER, JOHN A.

DOC DATE: 11/05/2002

ASSIGNEE:

JOHNSON, KEVIN P.

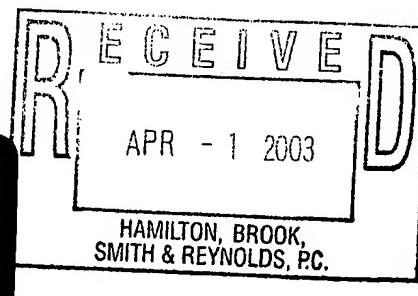
DOC DATE: 11/05/2002

ASSIGNEE:

TANTIVY COMMUNICATIONS, INC.  
1450 SOUTH BABCOCK STREET  
MELBOURNE, FLORIDA 32901

SERIAL NUMBER: 60414946  
PATENT NUMBER:

FILING DATE: 09/30/2002  
ISSUE DATE:



013510/0192 PAGE 2

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

REC

11-25-2002

SHEET

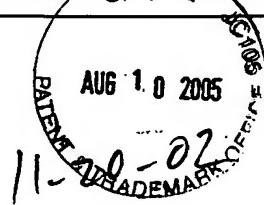
OIP 402292653

To the Commissioner, United States

attached original documents or copy thereof.

## 1. Name of conveying party(ies)

John E. Hoffmann  
 George Rodney Nelson , Jr.  
 John A. Regnier  
 Kevin P. Johnson



Additional name(s) of conveying party(ies) attached? [ ] Yes [ x ] No

## 3. Nature of conveyance:

- [X] Assignment [ ] Merger  
 [ ] Security Agreement [ ] Change of Name  
 [ ] Other \_\_\_\_\_

Execution Date: November 5, 2002

## 2. Name and address of receiving party(ies)

Name: Tantivy Communications, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1450 South Babcock Street

City: Melbourne State: FL ZIP: 32901

Additional name(s) &amp; address(es) attached? [ ] Yes [ X ] No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

60/414,946

## B. Patent No.(s)

Additional numbers attached? [ ] Yes [ X ] No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David J. Thibodeau, Jr., Esq.

Internal Address: \_\_\_\_\_

Hamilton, Brook, Smith &amp; Reynolds, P.C.

Street Address: 530 Virginia Road, P.O. Box 9133

City: Concord State: MA ZIP: 01742-9133

## 6. Total number of applications and patents involved: [ 1 ]

7. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

[X] Enclosed

[X] Authorized to charge any deficiencies or credit any overpayment to deposit account

[ ] Authorized to be charged to deposit account

## 8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Mark B. Solomon

Name of Person Signing

Signature

11/15/02

Date

Total number of pages including cover sheet, attachments, and document: [ 5 ]

Provisional Joint

*John E. Hoffman*  
ASSIGNMENT

WHEREAS, we, **John E. Hoffman, George Rodney Nelson, Jr., John A. Regnier and Kevin P. Johnson**, have invented a certain improvement in **Software Based Antenna Steering for WLAN** described in a Provisional Patent Application, the specification of which:

[ ] is about to be filed in the United States Patent Office;

[ X ] was filed on **September 30, 2002** as Provisional Application No. **60/414,946**.

WHEREAS, **Tantivy Communications, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **1450 South Babcock Street, Melbourne, Florida 32901** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said Provisional application, together with the entire right, title and interest in and to said Provisional application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any nonprovisional applications including substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: John E Hoffman  
John E. Hoffman

State/Commonwealth  
of Florida  
County of Brevard

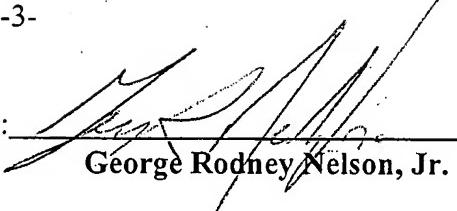
Then personally appeared before me the above-named **John E. Hoffman** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 5<sup>th</sup> day of Nov., 2002

Kathleen K. Renyo  
Notary Public  
(print name)

My Commission expires        /        /       



Inventor:

  
George Rodney Nelson, Jr.

State/Commonwealth

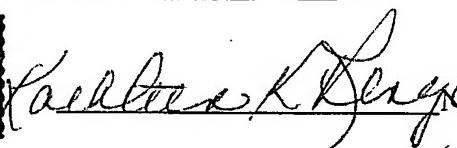
of Florida

County of Brevard

Then personally appeared before me the above-named George Rodney Nelson, Jr. and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this  
5th day of Nov., 2002



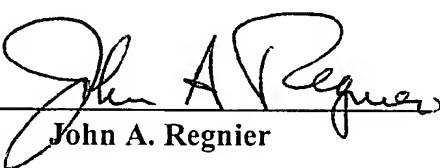
(SEAL)

 Notary Public

(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor:

 John A. Regnier

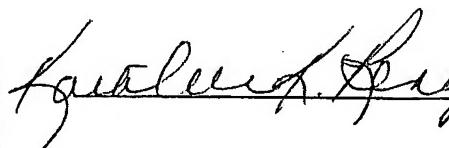
State/Commonwealth

of Florida

County of Brevard

Then personally appeared before me the above-named John A. Regnier and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this  
5th day of Nov., 2002



 Notary Public

(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_



Inventor: Kevin P. Johnson

Kevin P. Johnson

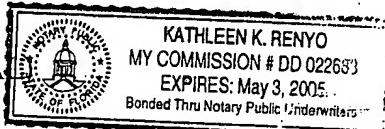
State/Commonwealth:

of Florida

County of Brevard

Then personally appeared before me the above-named **Kevin P. Johnson** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 5th day of Nov., 2008

(SEA)



Kathleen K. Renyo Notary Public

(print name)

My Commission expires        /        /